

0011



State of Utah

Department of  
Natural ResourcesMICHAEL R. STYLER  
Executive DirectorDivision of  
Oil, Gas & MiningJOHN R. BAZA  
Division DirectorJON M. HUNTSMAN, JR.  
GovernorGARY R. HERBERT  
Lieutenant Governor

## Representatives Present During the Inspection:

Company Dan Guy

OGM Pete Hess Environmental Scientist III

**Inspection Report**

Permit Number:	C0070022
Inspection Type:	COMPLETE
Inspection Date:	Thursday, August 30, 2007
Start Date/Time:	8/30/2007 9:00:00 AM
End Date/Time:	8/30/2007 1:40:00 PM
Last Inspection:	Tuesday, July 17, 2007

Inspector: Pete Hess, Environmental Scientist IIIWeather: Sunny and hot; 90's F.InspectionID Report Number: 1392Accepted by: dhaddock  
9/13/2007Permittee: **SAVAGE SERVICES CORP**Operator: **SAVAGE SERVICES CORP**Site: **SAVAGE COAL TERMINAL**Address: **6340 S 3000 E STE 600, SALT LAKE CITY UT 84121**County: **CARBON**Permit Type: **PERMANENT COAL PROGRAM**Permit Status: **ACTIVE**

## Current Acreages

160.00	Total Permitted
122.28	Total Disturbed
	Phase I
	Phase II
	Phase III

## Mineral Ownership

- ☐ Federal  
☐ State  
☐ County  
☐ Fee  
☒ Other

## Types of Operations

- ☒ Underground  
☒ Surface  
☒ Loadout  
☐ Processing  
☐ Reprocessing

## Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Permittee's water monitoring representative notified the Division on July 20, 2007 that the second quarter of 2007 surface and ground water monitoring information for the Savage Coal Terminal permit area was in the pipeline acceptable for uploading. A check of the Division data base prior to today's inspection has confirmed that second quarter data has been uploaded into the permanent data base for all monitoring sites by Division personnel. The Permittee is meeting the requirement established by Attachment "A" of the current State permit, which requires the electronic submittal of quarterly water monitoring data.

There are no pending compliance actions for the Savage permit area.

Inspector's Signature:

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date

Friday, August 31, 2007

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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## Inspection Continuation Sheet

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### REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **1. Permits, Change, Transfer, Renewal, Sale**

A meeting was held on August 28, 2007 with Blackhawk Engineering personnel to discuss the re-write / update of the mining and reclamation plan for the Savage Coal Terminal permit area. A midterm review of the MRP was initiated by the Division in March of 2007. A key issue is the re-submittal of an amendment to permit an over flow pond for the preparation plant, which continues to operate 3.5 days / week. Mr. Dan Guy is updating many of the maps which exist in the plan, as some date back to the mid-1980's when the plant was built by Beaver Creek Coal Company. A review of the archeological information and water use data (Colorado River fish study) will also occur. Mr. Guy submitted revised bond calculations for the site to the Division (received August 16, 2007) as part of Task ID # 2759. The Permittee has filed a new application with the Division to permit a new feed conveyor (belt #14) at the Coal Terminal. To date, the application has not been received in the Price office.

### **3. Topsoil**

The topsoil and subsoil piles which were constructed as part of the disturbed area expansion / slurry cells for the wash plant fine coal circuit are heavily roughened, but show no sign of sprouting for a protective cover crop. The summer of 2007 has been noted as being the hottest/driest summer on record in the State. The main topsoil pile is similar, in that the main cover on that pile appears to be weed.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Mr. Guy performed the third quarter of 2007 impoundment inspections for the four coal processing cells, and the sites five sediment ponds on August 23, 2007. The third quarter inspections are also considered to be the annual impoundment inspections / certifications for this site. Slurry ponds #1 and 2 have been readied for transfer of slurry, when ponds #3 and 4 become full. #3 is transferring effluent into #4, and the level of minus 28 mesh material in cell #3 appears to be very close to the maximum. Sediment ponds #1 and #6 were cleaned during August; the inspection and P.E. certifications of the cleaned ponds were performed on 8/23 to meet the requirements of R645-301-514.312. Mr. Guy also inspected these during the cleaning operations. All ponds retain an adequate sediment storage capacity. There were no signs of instability or other hazards observed either on 8/23 nor during today's field inspection.

### **4.e Hydrologic Balance: Effluent Limitations**

Hard copies of the discharge monitoring reports which are submitted to the Utah Division of Water Quality and the US EPA were reviewed for the month of July, 2007. Outfall 001A (sediment pond 6 discharge to un-named ditch reporting to the Price River) was reported as a "no discharge". The Savage site received an event on 8/22 which filled pond #6 to near capacity (1.5 inches of rain and hail were received at this individuals home on 8/22 between 5:12 PM and 6:30 PM).

**7. Coal Mine Waste, Refuse Piles, Impoundments**

The third quarter 2007 inspection for the waste rock disposal area was performed on 8/23. Preparation of the final report for that disposal facility for 3rd quarter is pending.

**10. Slides and Other Damage**

No significant damage was observed at the site from the event of 8/22.

**18. Support Facilities, Utility Installations**

The Permittee, through Blackhawk Engineering Company, submitted an application to the Division to install a rigid mount conveyor system in place of several mobile conveyors in place on July 17, 2007, (Task ID # 2829). Conveyor #13 will parallel the conveyor which charges the silo for train loading purposes, and it will be about 380 feet in length. The Division approved the application on July 20, 2007. To date, construction activities for the new conveyor have not been initiated.

**20. Air Quality Permit**

Both paved and unpaved roads at the site were observed to be in a very dry condition at the start of today's field inspection. Some coal material was being run over by trucks, throwing dust into suspension which appeared to be in excess of the 20% opacity level regulated by the Air Quality approval order. As noted elsewhere, the summer of 2007 has been recorded as the hottest / driest summer on record.